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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the applications identified in the attached Schedule A under 37 CFR 3.73(b).

I hereby appoint:

- ☒ Practitioners associated with the Customer Number: 77069
OR
☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

| Name | Registration Number | Name | Registration Number |
|------|---------------------|------|---------------------|
| | | | |

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all U.S. or foreign patent applications listed in Schedule A and B.

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☐ The address associated with Customer Number: 77069

OR

☒ Firm or Individual Name Kathleen M. Williams
Edwards Angell Palmer & Dodge, LLP

Address 111 Huntington Avenue

| | | | | | |
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A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

| | | | |
|-----------|--|-----------|-------------------------|
| Signature | <u>Angela Nwaneri</u> | Date | <u>January 21, 2008</u> |
| Name | <u>Angela Nwaneri</u> | Telephone | <u>(650) 564-2024</u> |
| Title | <u>Associate Patent Counsel & VP, Patent Law</u> | | |

Schedule A

| Application Number | Patent Number | Application Title | Status |
|--------------------|---------------|---|-----------|
| 08/877,153 | 6230051 | DEVICE FOR ENHANCING TRANSDERMAL AGENT DELIVERY OR SAMPLING | ISSUED |
| 08/877,155 | 7184826 | DEVICE AND METHOD FOR ENHANCING TRANSDERMAL FLUX OF AGENTS BEING DELIVERED OR SAMPLED | ISSUED |
| 08/988,292 | 6918901 | DEVICE AND METHOD FOR ENHANCING TRANSDERMAL AGENT FLUX | ISSUED |
| 09/208,312 | 6050988 | DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX | ISSUED |
| 09/208,812 | 6083196 | DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX | ISSUED |
| 09/208,813 | 6322808 | DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX | ISSUED |
| 09/684,163 | 6953589 | DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX | ISSUED |
| 09/733,305 | | SKIN TREATMENT METHOD AND APPARATUS FOR SUSTAINED TRANSDERMAL DELIVERY | Abandoned |
| 09/733,506 | 7087035 | DEVICE AND METHOD FOR ENHANCING SKIN PIERCING BY MICROPROTRUSIONS | ISSUED |
| 09/950,436 | | METHODS FOR INHIBITING DECREASE IN TRANSDERMAL DRUG FLUX BY INHIBITION OF PATHWAY CLOSURE | Published |
| 09/976,762 | 6855131 | MICROPROTRUSION MEMBER RETAINER FOR IMPACT APPLICATOR | ISSUED |
| 09/976,763 | | MICROBLADE ARRAY IMPACT APPLICATOR | Abandoned |
| 09/976,798 | 7131960 | APPARATUS AND METHOD FOR PIERCING SKIN WITH MICROPROTRUSIONS | Allowed |

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| Application Number | Patent Number | Application Title | Status |
|--------------------|---------------|--|-----------|
| 10/045,842 | | TRANSDERMAL DRUG DELIVERY DEVICES HAVING COATED MICROPROTRUSIONS | Published |
| 10/099,604 | 6855372 | METHOD AND APPARATUS FOR COATING SKIN PIERCING MICROPROJECTIONS | ISSUED |
| 10/127,108 | | MICROPROJECTION ARRAY HAVING A BENEFICIAL AGENT CONTAINING COATING | Published |
| 10/127,171 | | MICROPROJECTION ARRAY IMMUNIZATION PATCH AND METHOD | Abandoned |
| 10/305,641 | | METHODS AND APPARATUSES FOR FORMING MICROPROJECTION ARRAYS | Published |
| 10/327,330 | | SKIN-PIERCING MICROPROJECTIONS HAVING PIERCING DEPTH CONTROL | Published |
| 10/608,304 | | TRANSDERMAL DRUG DELIVERY DEVICES HAVING COATED MICROPROTRUSIONS | Published |
| 10/637,909 | | TRANSDERMAL VACCINE DELIVERY DEVICE HAVING COATED MICROPROTRUSIONS | Published |
| 10/674,626 | | DRUG DELIVERY AND METHOD HAVING COATED MICROPROJECTIONS INCORPORATING VASOCONSTRICTORS | FINAL REJ |
| 10/745,995 | | ACTIVE AGENT DELIVERY DEVICE HAVING COMPOSITE MEMBERS | Published |
| 10/794,637 | | SKIN TREATMENT METHOD AND APPARATUS FOR SUSTAINED TRANSDERMAL DRUG DELIVERY | Published |
| 10/880,701 | | METHOD FOR COATING SKIN PIERCING MICROPROJECTIONS | Published |
| 10/880,702 | | FORMULATIONS FOR COATED MICROPROJECTIONS CONTAINING NON-VOLATILE COUNTERIONS | Published |

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| Application Number | Patent Number | Application Title | Status |
|--------------------|---------------|---|-----------|
| 10/881,440 | | DEVICE AND METHOD FOR ENHANCING TRANSDERMAL AGENT FLUX | Published |
| 10/884,603 | | MICROPROJECTION ARRAY IMMUNIZATION PATCH AND METHOD | Published |
| 10/910,889 | | METHOD AND DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX | FINAL REJ |
| 10/910,915 | | METHOD AND DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX | FINAL REJ |
| 10/911,299 | | METHOD AND DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX | FINAL REJ |
| 10/925,518 | | DEVICE AND METHOD FOR INTRADERMAL CELL IMPLANTATION | Published |
| 10/970,890 | | COMPOSITION AND APPARATUS FOR TRANSDERMAL DELIVERY | Published |
| 10/970,901 | | PRETREATMENT METHOD AND SYSTEM FOR ENHANCING TRANSDERMAL DRUG DELIVERY | Published |
| 10/971,224 | | METHOD AND APPARATUS FOR REDUCING THE INCIDENCE OF TOBACCO USE | Allowed |
| 10/971,430 | | APPARATUS AND METHOD FOR ENHANCING TRANSDERMAL DRUG DELIVERY | Published |
| 10/971,871 | 7097631 | SELF-ACTUATING APPLICATOR FOR MICROPROJECTION ARRAY | ISSUED |
| 10/972,230 | | COMPOSITIONS OF STABILIZED DNA FOR COATING MICROPROJECTIONS | Published |
| 10/972,231 | | DELIVERY OF POLYMER CONJUGATES OF THERAPEUTIC PEPTIDES AND PROTEINS VIA COATED MICROPROJECTIONS | Published |

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| Application Number | Patent Number | Application Title | Status |
|--------------------|---------------|--|-----------|
| 10/978,807 | | MICROPROTRUSION MEMBER RETAINER FOR IMPACT APPLICATOR | Published |
| 10/984,499 | | DEVICE AND METHOD FOR ENHANCING SKIN PIERCING BY MICROPROTRUSIONS | Published |
| 10/984,510 | | METHOD AND APPARATUS FOR COATING SKIN PIERCING MICROPROJECTIONS | Published |
| 11/034,891 | | FORMUALTIONS FOR COATED MICROPROJECTIONS CONTAINING NON-VOLATILE COUNTERIONS | Published |
| 11/084,631 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF INFLUENZA VACCINE | Published |
| 11/084,634 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF PARATHYROID HORMONE AGENTS | Published |
| 11/084,635 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF MULTIPLE VACCINES | Published |
| 11/084,636 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF FENTANYL-BASED AGENTS | Published |
| 11/092,202 | | APPARATUS AND METHOD FOR PIERCING SKIN WITH MICROPROTRUSIONS | Published |
| 11/092,800 | | APPARATUS AND METHOD FOR PIERCING SKIN WITH MICROPROTRUSIONS | Published |
| 11/112,311 | | METHOD AND FORMULATION FOR TRANSDERMAL DELIVERY OF IMMUNOCOLOGICALLY ACTIVE AGENTS | Published |
| 11/201,617 | | MICROPROJECTION APPARATUS AND SYSTEM WITH LOW INFECTION POTENTIAL | Published |
| 11/222,297 | | MICORPROJECTION ARRAY WITH IMPROVED SKIN ADHESION AND COMPLIANCE | Pending |

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| Application Number | Patent Number | Application Title | Status |
|--------------------|---------------|--|-----------|
| 11/237,200 | | STABILIZATION OF ALUM-ADJUVANTED IMMUNOLOGICALLY ACTIVE AGENTS | Published |
| 11/251,488 | | MICROBLADE ARRAY IMPACT APPLICATOR | Published |
| 11/259,010 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF DESMOPRESSIN | Published |
| 11/267,563 | | MICROPROJECTION ARRAY IMMUNIZATION PATCH AND METHOD | FINAL REJ |
| 11/336,134 | | THERAPEUTIC PEPTIDE FORMULATIONS WITH IMPROVED STABILITY | Published |
| 11/341,832 | | COATED MICROPROJECTIONS HAVING REDUCED VARIABILITY AND METHOD FOR PRODUCING SAME | Published |
| 11/347,779 | | TRANSDERMAL DRUG DELIVERY DEVICES HAVING COATED MICROPROTRUSIONS | Published |
| 11/355,729 | | MICROPROJECTION ARRAYS WITH IMPROVED BIOCOMPATIBILITY | Published |
| 11/391,609 | | MICROPROJECTIONS WITH CAPILLARY CONTROL FEATURES AND METHOD | Pending |
| 11/446,487 | | METHOD FOR TERMINAL STERILIZATION OF TRANSDERMAL DELIVERY DEVICES | Pending |
| 11/446,530 | | METHOD FOR TERMINAL STERILIZATION OF TRANSDERMAL DELIVERY DEVICES | Pending |
| 11/472,165 | | METHOD AND DEVICE FOR COATING A CONTINUOUS STRIP OF MICROPROJECTION MEMBERS | Published |
| 11/477,045 | | SELF-ACTUATING APPLICATOR FOR MICROPROJECTION ARRAY | Published |

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| Application Number | Patent Number | Application Title | Status |
|--------------------|---------------|--|-----------|
| 11/518,970 | | COATABLE TRANSDERMAL DELIVERY MICROPROJECTION ASSEMBLY | Pending |
| 11/617,639 | | STABLE THERAPEUTIC FORMULATIONS | Pending |
| 11/668,157 | | DEVICE WITH ANCHORING ELEMENTS FOR TRANSDERMAL DELIVERY OR SAMPLING OF AGENTS | Published |
| 11/884,544 | | MICROPROJECTION ARRAY APPLICATION WITH HIGH BARRIER RETAINER | Published |
| 11/886,909 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF PARATHYROID HORMONE AGENTS TO PREVENT OR TREAT OSTEOPENIA | Pending |
| 11/740,205 | | MICROPROJECTION ARRAY APPLICATION WITH SCULPTURED MICROPROJECTIONS FOR HIGH DRUG LOADING | Pending |
| 11/740,235 | | MICROPROJECTION ARRAY APPLICATION WITH GROUPED MICROPROJECTIONS FOR HIGH DRUG LOADING | Pending |
| 11/740,258 | | MICROPROJECTION ARRAY APPLICATION WITH MULTILAYERED MICROPROJECTION MEMBER FOR HIGH DRUG LOADING | Pending |
| 11/871,126 | | DEVICE FOR ENHANCING TRANSDERMAL AGENT FLUX | Pending |
| 60/368,715 | | MICROPROJECTION ARRAY IMMUNIZATION PATCH AND METHOD | Abandoned |
| 60/794,960 | | MICROPROJECTION ARRAY APPLICATION WITH MULTILAYERED MICROPROJECTION MEMBER FOR HIGH DRUG LOADING | Pending |
| 60/817,499 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF INSULIN | Abandoned |
| 60/896,161 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF A TRIPTAN AGONIST | Pending |

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| Application Number | Patent Number | Application Title | Status |
|--------------------|---------------|---|---------|
| 60/896,164 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF A 5-HYDROXYTRYPTAMINE ANTAGONIST | Pending |
| 60/896,165 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF A BENZODIAZEPINE | Pending |
| 60/947,035 | | APPARATUS AND METHOD FOR TRANSDERMAL DELIVERY OF GONADOTROPINS | Pending |
| 60/982,119 | | TRANSDERMAL SUSTAINED RELEASE DRUG DELIVERY | Pending |
| 60/982,127 | | TRANSDERMAL SUSTAINED RELEASE DRUG DELIVERY | Pending |